

July 1, 2016

MEMORANDUM FOR: Distribution Email

FROM: Michelle Mainelli-McInerney  
Deputy Director, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for  
CPC, OPC, and WPC

**Climate Prediction Center**

The following accelerated items were implemented this past week:

None

-----

The following will be implemented the week of July 4, 2016:

None

-----

The following RFCs are in progress:

None

-----

The following NCO RFCs to be implemented the week of July 4, 2016 may affect CPC:

RFC #2081 – NAWIPS v7.3.1 – Numerous updates to NAWIPS, including: A) new fire weather forecast zone and fire weather forecast zone boundary changes for Southwest Minnesota, effectively June 16, 2016 (SCN16-17); B) fixed county lat/lon for Jasper County, TX; C) Changes to Public Forecast Zones of Northwest California effective June 16, 2016; D) add a new category, Marginal (MRGL), to WPC's excessive rainfall outlook and text output. The new categories are Marginal, Slight, Moderate and High (SCN16-21). The new category will be effective July 25, 2016; E) update NHC code radii for 2016; F)

transfer of Fire Weather Zones ALZ0145 in North Center Alabama (SCN16-06) and change to the boundaries of Charleston Harbor marine zone (SCN16-07), effective April 5, 2016; G) Convert OPC shape files into bounds files; and H) Enable GEMPAK GD programs to retrieve all grids from AWIPS2 database. To be implemented on July 7 at 2100Z.

RFC #2069 and RFC #2070 – WCOSS Luna Work – IBM will be installing a microcode update, PS22, to facilitate the detection of bus hands and automatic bus resets. Included in the work will be to update the backup System Management Workstation (SMW) failover to the backup SMW. Users will not have access to Luna for most of the day. To be implemented on July 5 beginning at 1100Z.

-----  
The following NCO RFCs are in progress and may affect CPC:

RFC #1980 – For WCOSS Phase 1, update the firmware on the DCS3700 storage \*p1, \*d1, \*d2, and \*mv. This work will require a 14-20 hour outage. Implementation began June 8 at 1200Z on Tide. Gyre will be done after production is switched to Tide in early/mid-July. This work should be completed on both WCOSS systems by July 31.

-----  
**Ocean Prediction Center**

The following accelerated items were implemented this past week:

None

-----  
The following will be implemented the week of July 4, 2016:

None

-----  
The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of July 4, 2016 may affect OPC:

RFC #2081 – NAWIPS v7.3.1 – Numerous updates to NAWIPS, including: A) new fire weather forecast zone and fire weather forecast zone boundary changes for Southwest Minnesota, effectively June 16, 2016 (SCN16-17); B) fixed county lat/lon for Jasper County, TX; C) Changes to Public Forecast Zones of Northwest California effective June 16, 2016; D) add a new category, Marginal (MRGL), to WPC's excessive rainfall outlook and text output. The new categories are Marginal, Slight, Moderate and High (SCN16-21). The new category will be effective July 25, 2016; E) update NHC code radii for 2016; F) transfer of Fire Weather Zones ALZ0145 in North Center Alabama (SCN16-06) and change to the boundaries of Charleston Harbor marine zone (SCN16-07), effective April 5, 2016; G) Convert OPC shape files into bounds files; and H) Enable GEMPAK GD programs to retrieve all grids from AWIPS2 database. To be implemented on July 7 at 1200Z.

RFC #2069 and RFC #2070 – WCOSS Luna Work – IBM will be installing a microcode update, PS22, to facilitate the detection of bus hands and automatic bus resets. Included in the work will be to update the backup System Management Workstation (SMW) failover to the backup SMW. Users will not have access to Luna for most of the day. To be implemented on July 5 beginning at 1100Z.

-----  
The following NCO RFCs are in progress and may affect OPC:

RFC #1980 – For WCOSS Phase 1, update the firmware on the DCS3700 storage \*p1, \*d1, \*d2, and \*mv. This work will require a 14-20 hour outage. Implementation began June 8 at 1200Z on Tide. Gyre will be done after production is switched to Tide in early/mid-July. This work should be completed on both WCOSS systems by July 31.

-----  
**Weather Prediction Center**

The following accelerated items were implemented this past week:

None  
-----

The following will be implemented the week of July 4, 2016:

None

-----  
The following RFCs are in progress:

None

-----

The following NCO RFCs to be implemented the week of July 4, 2016 may affect WPC:

RFC #2081 – NAWIPS v7.3.1 – Numerous updates to NAWIPS, including: A) new fire weather forecast zone and fire weather forecast zone boundary changes for Southwest Minnesota, effectively June 16, 2016 (SCN16-17); B) fixed county lat/lon for Jasper County, TX; C) Changes to Public Forecast Zones of Northwest California effective June 16, 2016; D) add a new category, Marginal (MRGL), to WPC's excessive rainfall outlook and text output. The new categories are Marginal, Slight, Moderate and High (SCN16-21). The new category will be effective July 25, 2016; E) update NHC code radii for 2016; F) transfer of Fire Weather Zones ALZ0145 in North Center Alabama (SCN16-06) and change to the boundaries of Charleston Harbor marine zone (SCN16-07), effective April 5, 2016; G) Convert OPC shape files into bounds files; and H) Enable GEMPAK GD programs to retrieve all grids from AWIPS2 database. To be implemented on July 7 at 1400Z.

RFC #2069 and RFC #2070 – WCOSS Luna Work – IBM will be installing a microcode update, PS22, to facilitate the detection of bus hands and automatic bus resets. Included in the work will be to update the backup System Management Workstation (SMW) failover to the backup SMW. Users will not have access to Luna for most of the day. To be implemented on July 5 beginning at 1100Z.

-----

The following NCO RFCs are in progress and may affect WPC:

None

-----

Please note that security-related RFCs are never listed in the RFC memo.

-----

---- OPERATIONAL ANNOUNCEMENTS ----

1. The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.

2. Users who wish to view their network utilization via the Scrutinizer appliance may request access from NCO/IWSB. Please send an account request to the NCWCP Helpdesk at [NCWCP.helpdesk@noaa.gov](mailto:NCWCP.helpdesk@noaa.gov).